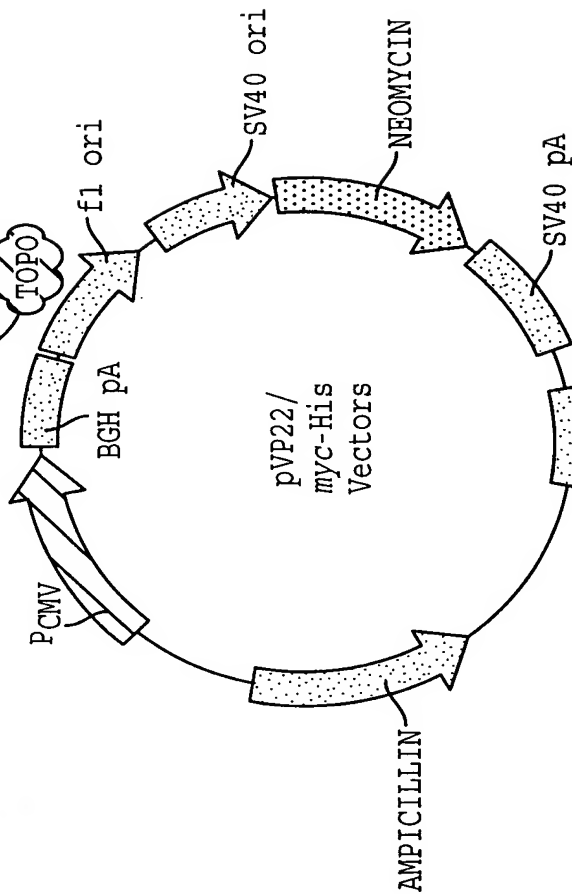
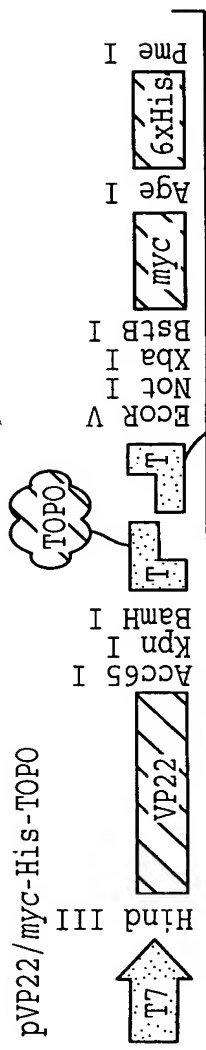
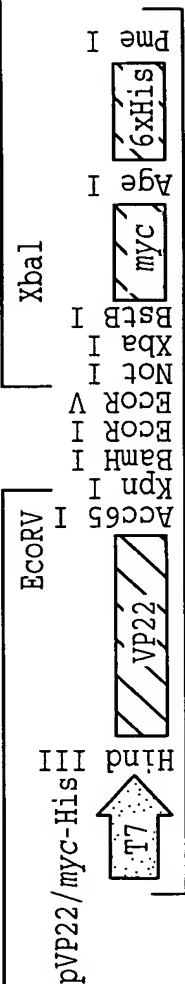
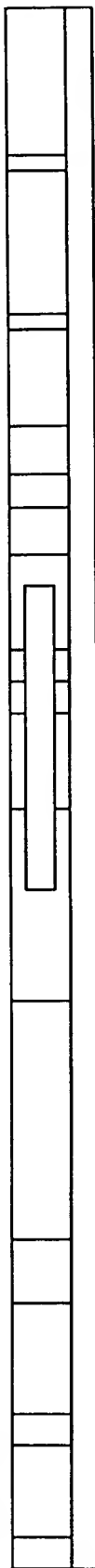




AAV2 REP



Cole1

FIG. 1

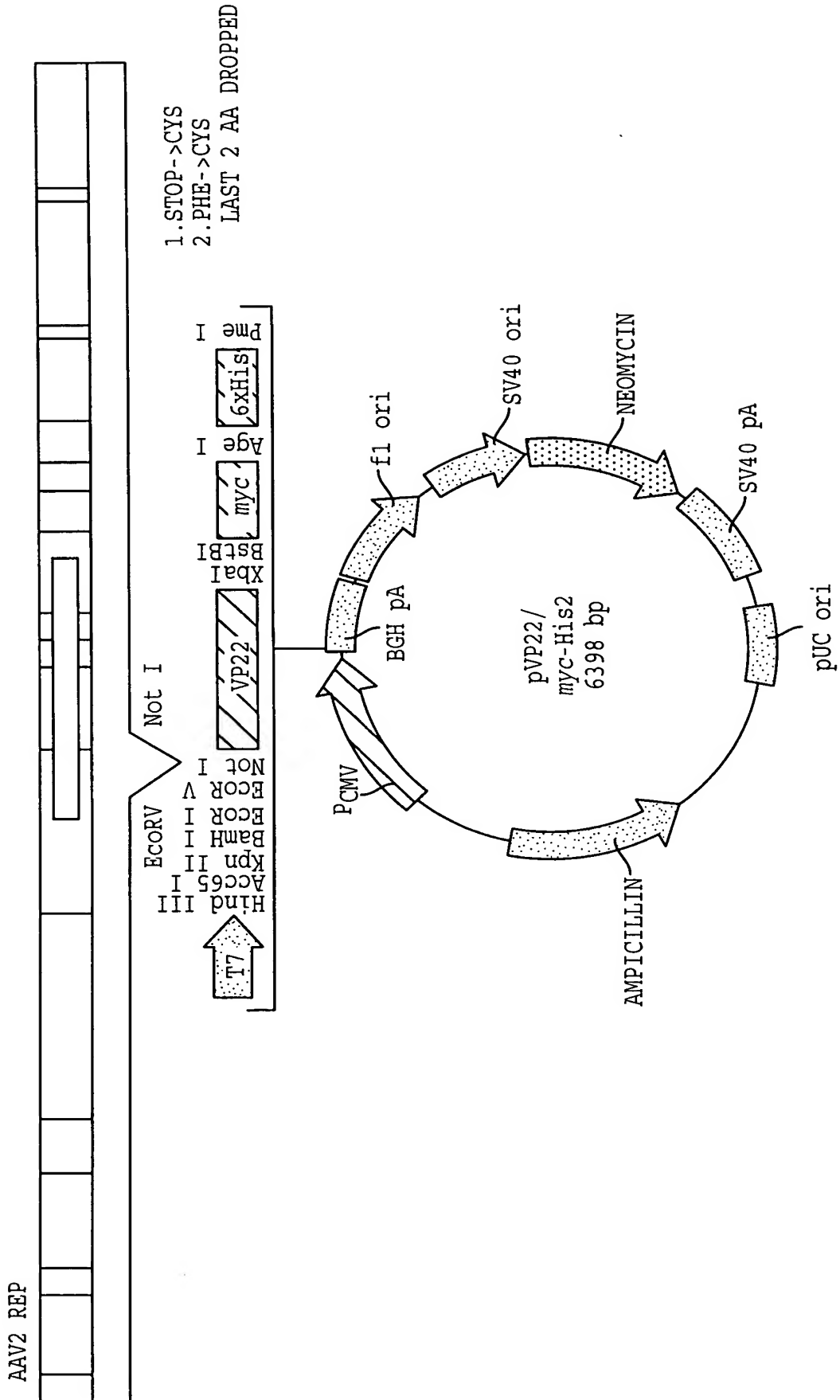


FIG. 2

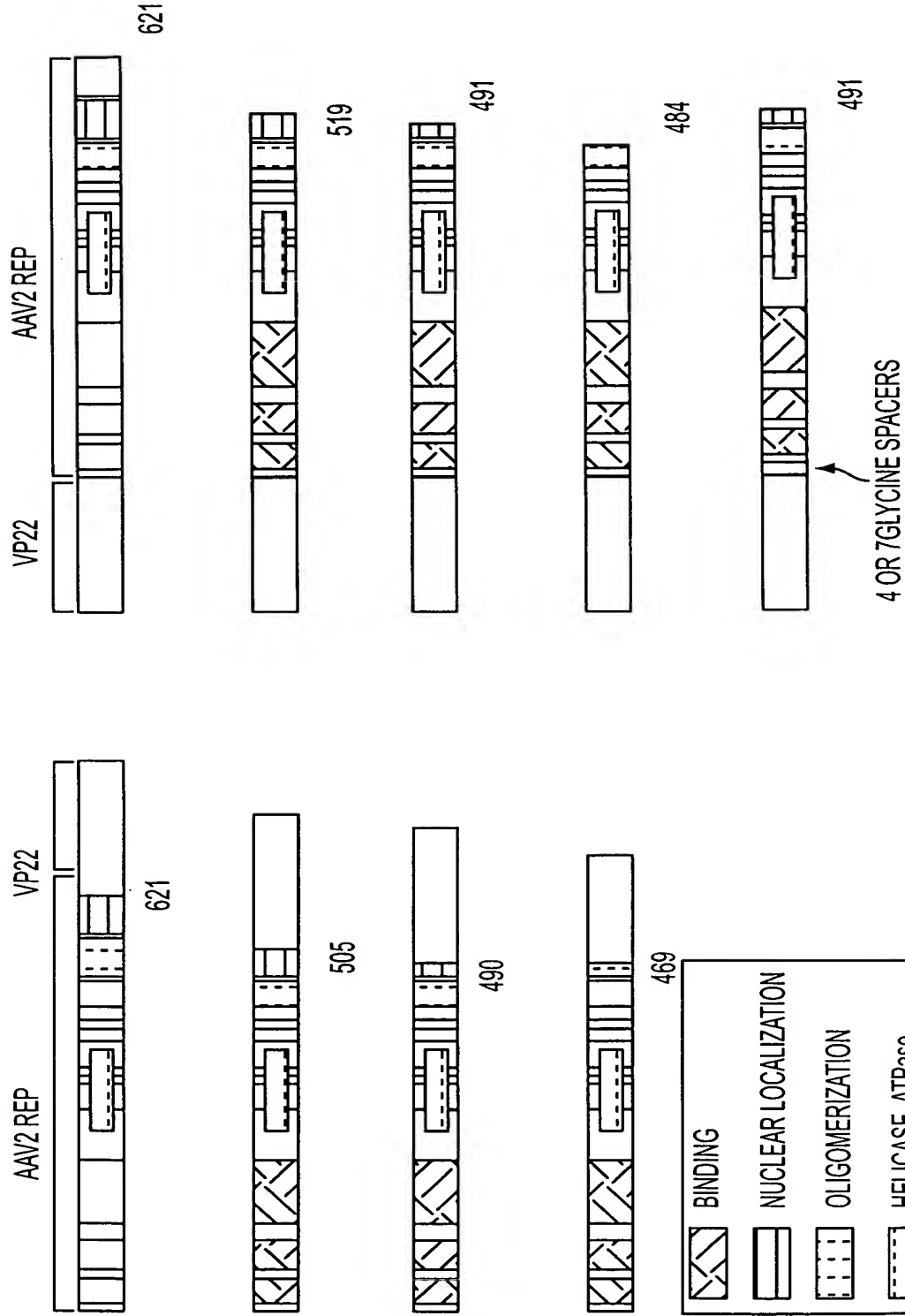


FIG. 3B

FIG. 3A

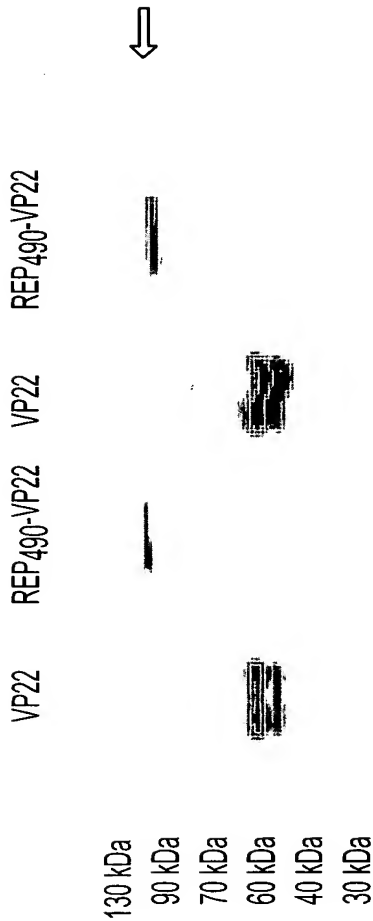


FIG. 4

BEST AVAILABLE COPY

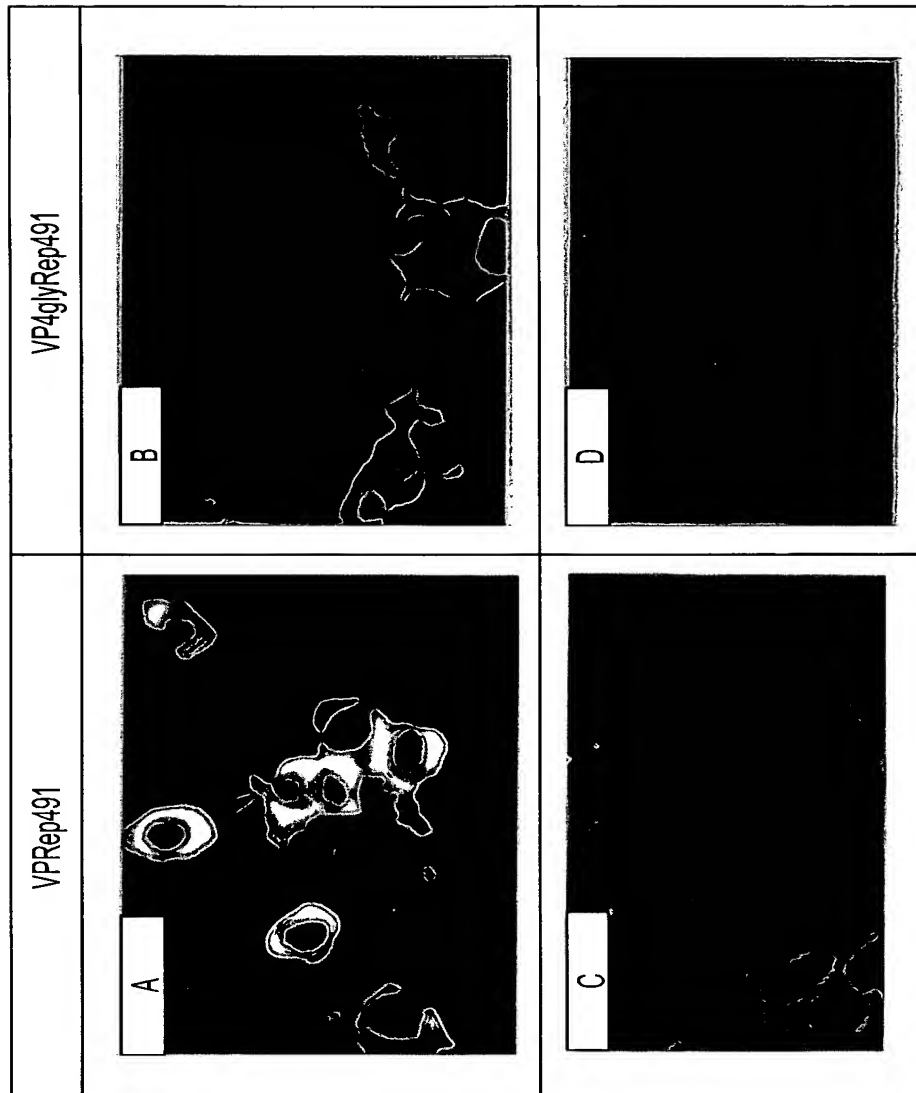
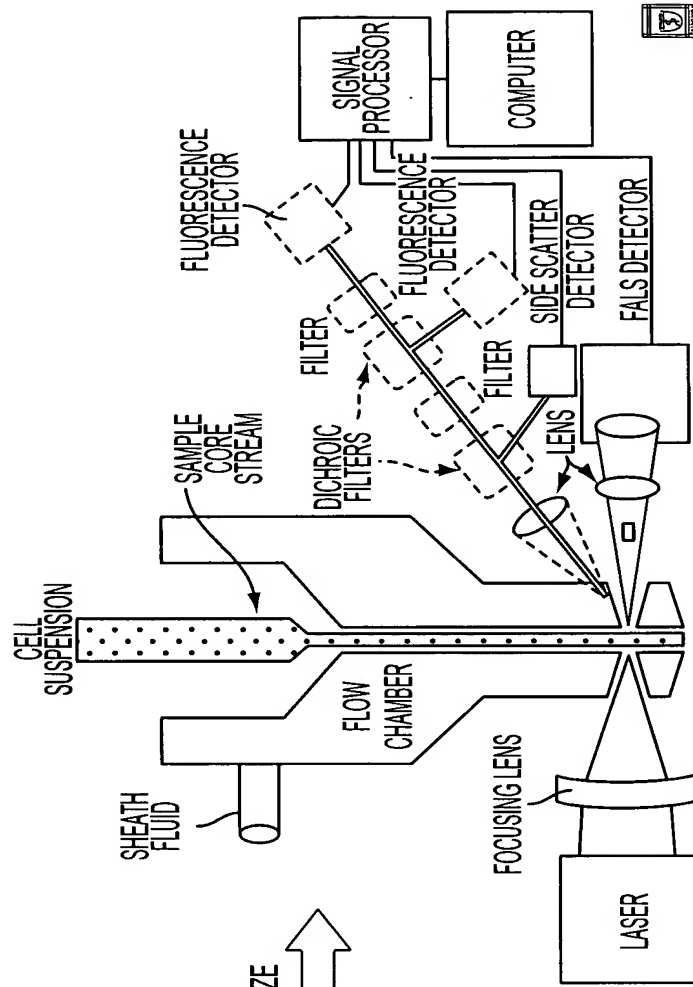
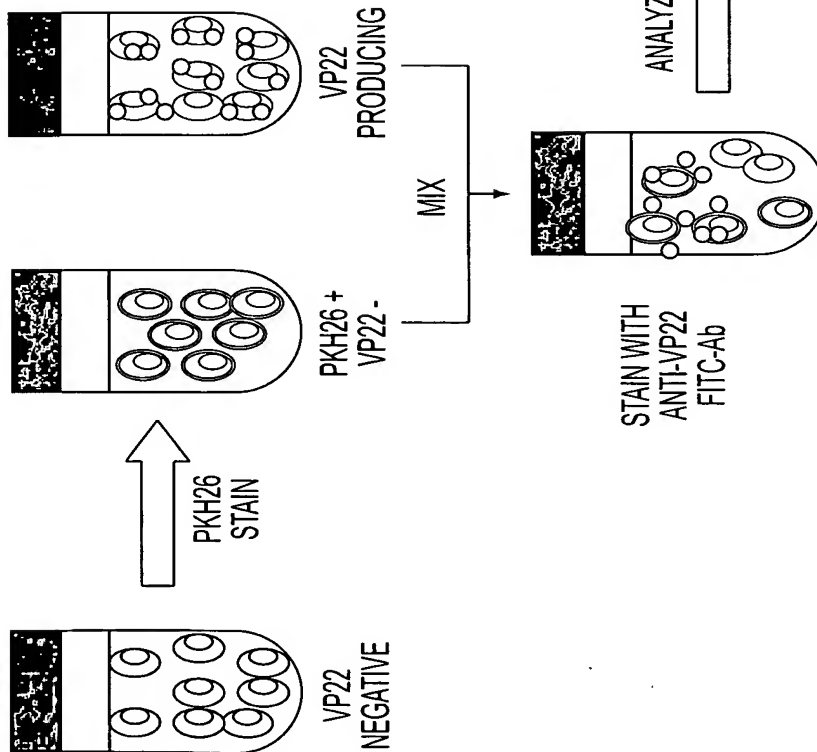


FIG. 5



SCHEMATIC OF FLOW CYTOMETER INSTRUMENT

FIG. 6A

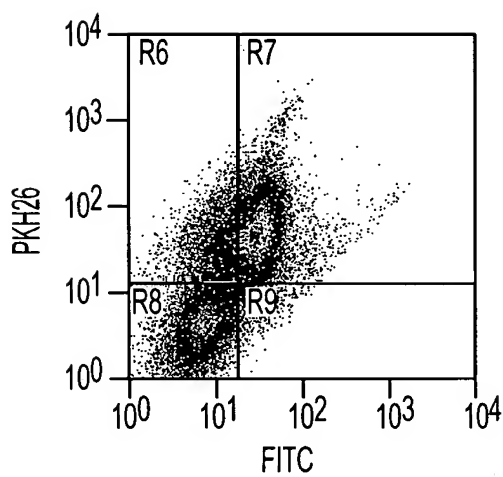
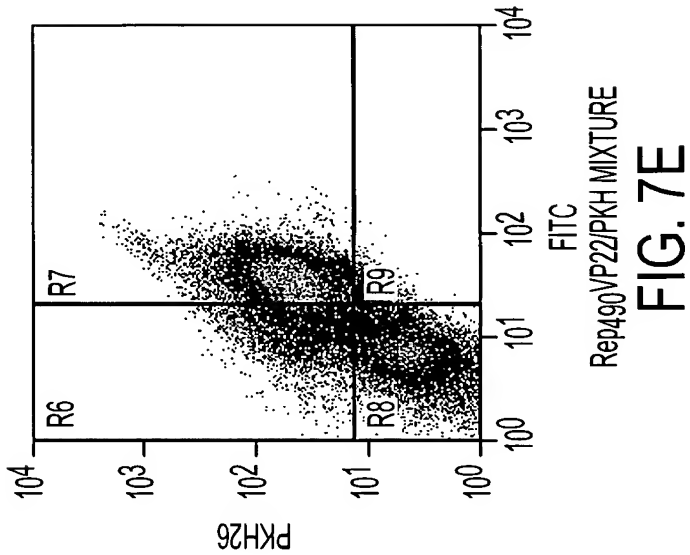
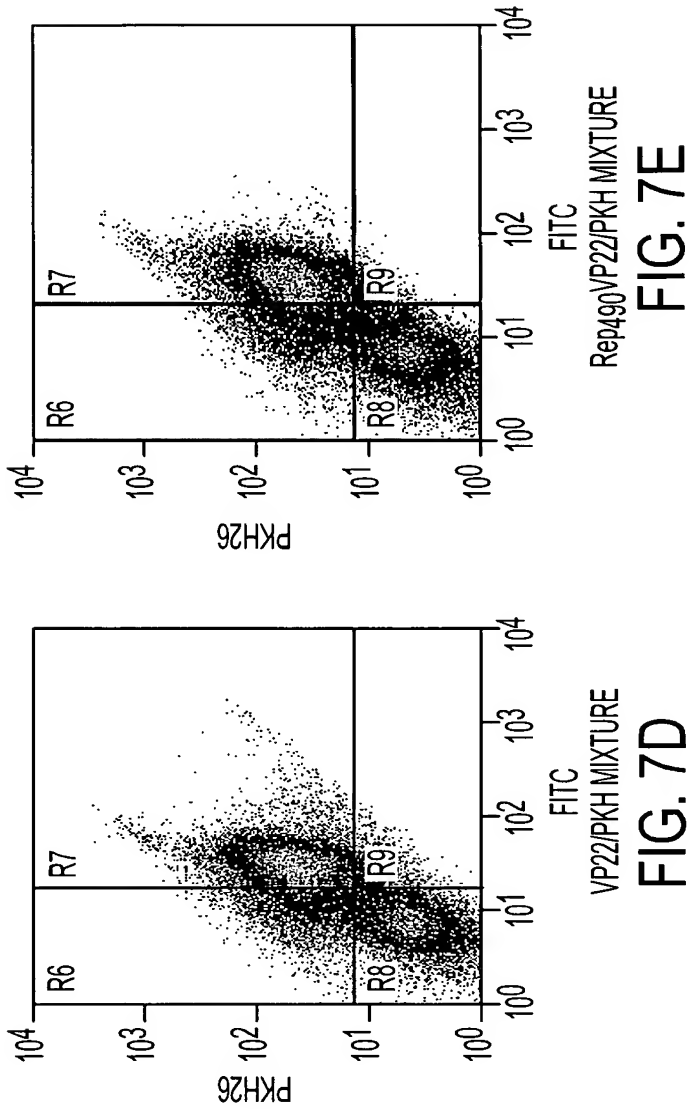
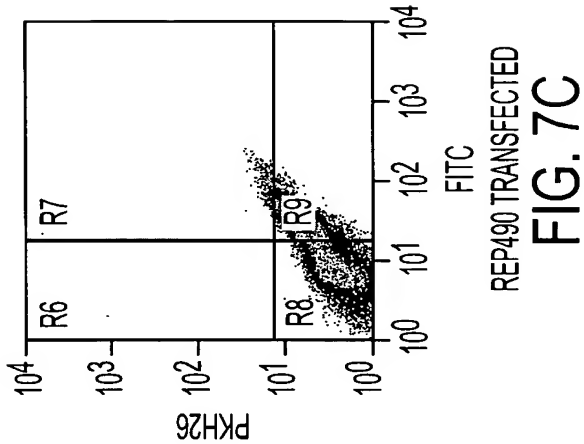
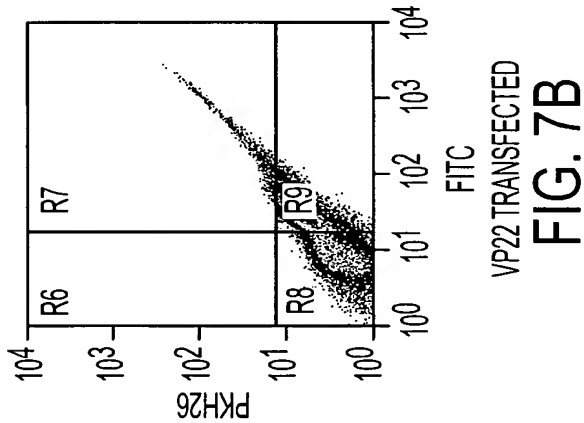
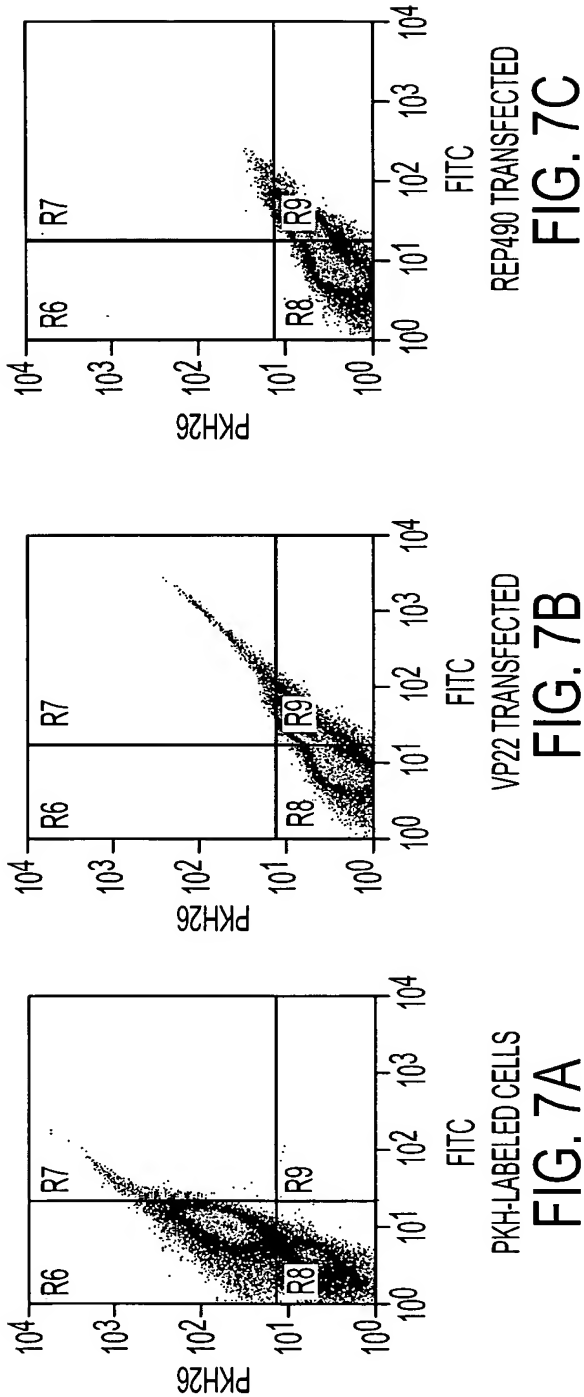


FIG. 6B



BEST AVAILABLE COPY



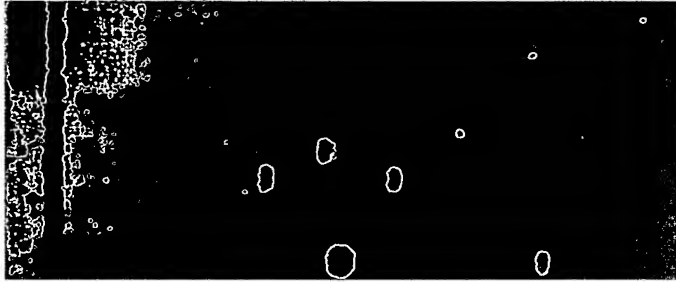
FIG. 8A



FIG. 8B

AAV PROBE

M 1 2 3 4 5 - 6

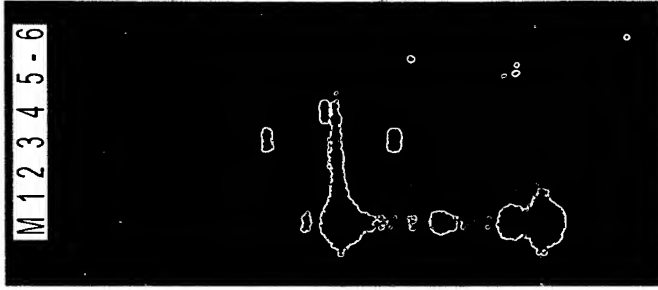


M: 1kb Marker
 1: 293 Only
 2: Apap + VP22-7gly-Rep491, #2
 3: Apap + VP22-7gly-Rep491, #13
 4: Apap + VP22-7gly-Rep491, #16
 5: Apap + VP22-7gly-Rep491, #33
 6: 7374

FIG. 9

AAVS1 PROBE

M 1 2 3 4 5 - 6



M: 1kb Marker
 1: 293 Only
 2: Apap + VP22-7gly-Rep491, #2
 3: Apap + VP22-7gly-Rep491, #13
 4: Apap + VP22-7gly-Rep491, #16
 5: Apap + VP22-7gly-Rep491, #33
 6: 7374

FIG. 10

>gi|341631|gb|M27086.1|HUMAAV02 Homo sapiens DNA fragment containing the 3'
adeno-associated virus/cellular junction Length = 875 Score = 686 bits (346),
Expect = 0.0 Identities = 393/402 (97%), Gaps = 5/402 (1%) Strand = Plus/Plus

Query: 101 tacaggacctccctaa-ccctatgacgtaattcacgtcacgactccttccctgccctgcc 159
 ||||||||||||| |||||||||||||||||||||||||||||||||||||||
Sbjct: 362 tacaggacctccctaaatccctatgacgtaattcacgtcacgactccttccctgccctgcc 421

Query: 160 ctctcctgaacctgagccagctcccatagctcagtcctggctctatctgacctggccctggcc 219
 |||||||||||||||||||||||||||||||||||||||
Sbjct: 422 ctctcctgaacctgagccagctcccatagctcagtcctggctctatctgacctggccctggc- 480

Query: 220 attgtcaactttgcgctgcccctcctctctctcgcgcccgagtgcccttgctgtgcccggaaact 279
 |||||||||||||||||||||||||||||||||||||||
Sbjct: 481 attgtcaactttgcgctgcccctcctctctcgcgcccgagtgcccttgctgtgcccggaaact 539

Query: 280 ctgccctctaaacgctgccgctctctctctcctgagtcgggaccactttgagctctactggcctt 339
 |||||||||||||||||||||||||||||||||||||||
Sbjct: 540 ctgccctctaaacgctgccgctctctctcctgagtcgggaccactttgagctctactggcctt 599

FIG. 11

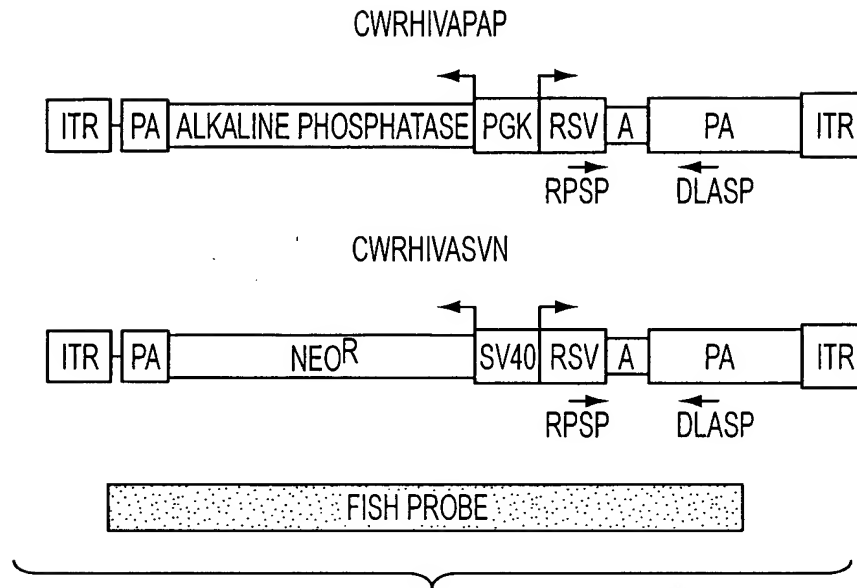


FIG. 12